

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed April 19, 2005. At the time of the Office Action, Claims 1-11 were pending in this Application. Claims 1, 5, 6, 10, and 11 were rejected. Claims 2-4 and 7-9 were objected to. Claims 1 and 10 have been amended to further define various features of Applicants' invention. Claims 12-20 have been added. Applicants respectfully request reconsideration and favorable action in this case.

Rejections under 35 U.S.C. § 102

Claims 1 and 10-11 were rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 6,356,967 issued to Pasi Vaisanen et al. ("Vaisanen et al."). Applicants amended independent claims 1 and 10 and, thus, respectfully traverse and submit the cited art does not teach all of the elements of the claimed embodiment of the invention.

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1997). Furthermore, "the identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co. Ltd.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). Applicant respectfully submits that the cited art as anticipatory by the Examiner cannot anticipate the rejected Claims, because the cited art does not show all the elements of the present Claims.

Vaisanen does not comprise a bus system with transmitters and receivers that are capable of transmitting data once a synchronization between a transmitter and a receiver. According to the independent claims a transmitter and receiver on different bus systems have to be synchronized before data, in particular for control purposes in automation systems, can be transferred to ensure that the data is received at a particular predefined time. See in particular, for example, original specification, paragraphs [0021] and [0022].

Vaisanen on the contrary, only describes a specific network for purely transmitting clock signals. The system as shown in Fig. 1 of Vaisanen is not capable of transmitting data. Thus, Applicant believes that Vaisanen does not disclose all the limitations of the present independent claims.

Rejections under 35 U.S.C. §103

Claims 5-6 were rejected under 35 U.S.C. §103(a) as being unpatentable over Vaisanen et al. Applicants respectfully traverse and submit the cited art does not render the claimed embodiment of the invention obvious. These dependent claims include all the limitations of independent claim 1 and are, therefore, patentable at least to the extent of independent claim 1.

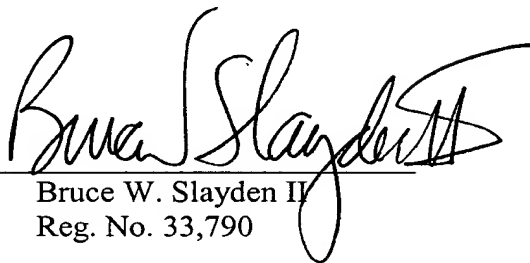
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PATENT APPLICATION
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If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney, Andreas Grubert, at 512.322.2545.

Respectfully submitted,
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